

Anti-DYNC1H1 Antibody (C-term)

Catalog Number: M03059

About DYNC1H1

Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP.

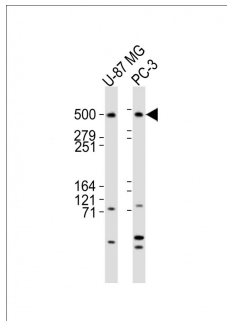
Overview

| | |
|----------------------|---|
| Product Name | Anti-DYNC1H1 Antibody (C-term) |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-DYNC1H1 Antibody (C-term) (Catalog # M03059). Tested in WB, IHC-P application(s). This antibody reacts with Human, Mouse. |
| Application | IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q14204 |

Technical Details

| | |
|----------------------------|---|
| Immunogen | This DYNC1H1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 4202-4236 amino acids from the C-terminal region of human DYNC1H1. |
| Predicted Reactive Species | Bovine, Chicken, Horse, Monkey, Pig, Sheep, Xenopus |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:2000 IHC-P: 1:25 |

Anti-DYNC1H1 Antibody (C-term) (M03059) Images



All lanes : Anti-DYNC1H1 Antibody (C-term) at 1:2000 dilution

Lane 1: U-87 MG whole cell lysates

Lane 2: PC-3 whole cell lysates

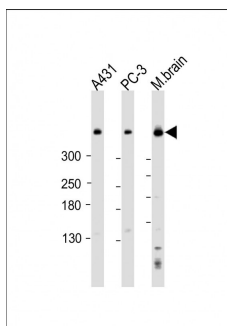
Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

Predicted band size : 532 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-DYNC1H1 Antibody (C-term) at 1:2000 dilution

Lane 1: A431 whole cell lysate

Lane 2: PC-3 whole cell lysate

Lane 3: mouse brain lysate

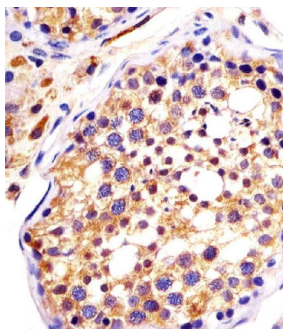
Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 532 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



M03059 staining DYNC1H1 in human testis sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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